Human Immunology

Volume 21, Number 1, January 1988

Contents

BERNARD AMOS and JEFFREY DAWSON
Editorial 1

COMMENTARY ON REVIEW ARTICLE
LORRAINE FLAHERTY
Major Histocompatibility Complex Polymorphism:
A Nonimmune Theory for Selection 3

A. WILNER, L. STEINMAN, P. LAVIE, R. PELED, A. FRIEDMANN, and C. BRAUTBAR
Narcolepsy-Cataplexy in Israeli Jews Is Associated Exclusively with the HLA DR2 Haplotype
A Study at the Serological and Genomic Level 15

A.S. WHITEHEAD, L. TRUEDSSON, P.M. SCHNEIDER, Z.L. AWDEH, E. FLEISCHNICK, M. BLUMENTHAL, W. COSTELLO, P.S. GERALD, E.J. YUNIS, and C.A. ALPER
The Distribution of Human C4 DNA Variants in Relation to Major Histocompatibility Complex ALleles and Extended Haplotypes 23

KEIJI TERAO, LYNN M. ROSE, GENE P. SACKETT, and EDWARD A. CLARK
Development of Lymphocyte Subsets in Pigtailed Macaques 33

MICHAEL J. SHEEHY, JAMES R. ROWE, FRITS KONING, and LARS JORGENSEN
Functional Polymorphism of the HLA-DR Beta III Chain 49

ERIC M. MICKELSON, GERALD T. NEPOM, BRENDA NISPEROS, and JOHN A. HANSEN
DQw3 Variants Defined by Cloned Alloreactive T Cells 63

Human Immunology is cited in *Biological Abstracts, Chemical Abstracts, Current Contents (Life Sciences), Excerpta Medica, Index Medicus*

Human Immunology

Volume 21, Number 2, February 1988

Contents

D. BERNARD AMOS, JEFFREY R. DAWSON, and JON VAN ROOD
Editorial 79

BRIEF COMMUNICATION
INA FABIAN and ZIPPORA WILLIAMS
The Effect of Deoxycoformycin on Bone Marrow Cells Treated with Adenosine and Deoxyadenosine and Hemopoietic Growth Factors 81

MAY CHATILA, LORIE LUYRINK, JAMES McELENEY, THOMAS SPIES, JACK L. STROMINGER, and DAVID N. GLASS
Restriction Fragment Length Polymorphisms and an HLA-DRw52-Associated Split 89

NANCY E. GOEKEN and TINA S. STAGGS
Is Secreted IL-1 Necessary for Normal Human T-Cell Activation? 99

K.J. KAO, JUAN C. SCORNIK, WILLIAM J. RILEY, and CLAUDIA F. McQUEEN
Association Between HLA Phenotypes and HLA Concentration in Plasma or Platelets 115

CHARLES R.M. BANGHAM, ANDREW BUSHELL, KATHRYN J. WOOD, and PETER J. MORRIS
An Interactive Computer Program for the Analysis of HLA Class II Restriction Fragment Patterns 125

JAI DEV DASGUPTA, VALERIE RELIAS, ZUHEIR L. AWDEH, CHESTER A. ALPER, and EDMOND J. YUNIS
Two Variants of DRw52, DR3, and DQw2 Specificities Distinguish Two Different DR-3 Bearing Extended Haplotypes 133

A. ZEEVI, R. VENKATARAMANAN, G. BURCKART, C.P. WANG, N. MURASE, D.H. VAN THIEL, T.E. STARZL, L. MAKOWKA, and R.J. DUQUESNOY
Sensitivity of Activated Human Lymphocytes to Cyclosporine and Its Metabolites 143

Human Immunology is cited in *Biological Abstracts, Chemical Abstracts, Current Contents (Life Sciences), Excerpta Medica, Index Medicus*

Human Immunology

Volume 21, Number 3, March 1988

Contents

WAYNE M. YOKOYAMA, MILLIE M. CHIEN, SUSAN E. ENGARDT, SUSAN W. AGUIAR, and ROBERT F. ASHMAN
Membrane Depolarization of Human B Cells Follows Stimulation by Either Anti-μ or B-Cell Growth Factor, But Only Anti-μ Causes Cell Volume Changes 155

W.J. ZHANG, P.H. KAY, T.J. COBAIN, and R.L. DAWKINS
C4 Allotyping on Plasma or Serum: Application to Routine Laboratories 165

DAVID D. ECKELS, THOMAS W. SELL, ERIC O. LONG, and RAFICK P. SEKALY
Presentation of Influenza Hemagglutinin Peptide in the Presence of Limited Allostimulation by HLA-DR1 Transfected Human Fibroblasts 173

SUSAN L. HOLBECK and GERALD T. NEPOM
Molecular Analysis of DQβ3.1 Genes 183

K. SAKAGUCHI, R. ONO, M. TSUJISAKI, P. RICHIARDI, A. CARBONARA, M.S. PARK, R. TONAI, P.I. TERASAKI, and S. FERRONE
Anti-HLA-B7,B27,Bw42,Bw54,Bw55,Bw56,Bw67,Bw73 Monoclonal Antibodies: Specificity, Idiotypes, and Application for a Double Determinant Immunoassay 193

SUNG YOON CHOO, THOMAS St. JOHN, HARRY T. ORR, and JOHN A. HANSEN
Molecular Analysis of the Variant Alloantigen HLA-B27d (HLA-B*2703) Identifies a Unique Single Amino Acid Substitution 209

SLAWOMIR KOSINSKI, SOO YOUNG YANG, MARIA PIA PISTILLO, and ULRICH HÄMMERLING
A Supertypic HLA Class II Determinant Shared by DR1 and DRw9, and Crossreactive with DR2, Defined by Human Monoclonal Antibody 221

Human Immunology is cited in *Biological Abstracts, Chemical Abstracts, Current Contents (Life Sciences), Excerpta Medica, Index Medicus*

Human Immunology

Volume 21, Number 4, April 1988

Contents

DENIS WAKEFIELD, RACHAEL BUCKLEY, JOHN GOLDING, PETER McCLUSKEY, DAVID ABI-HANNA, JOHN CHARLESWORTH, and BRUCE PUSSEL
Association of Complement Allotype C4B2 with Anterior Uveitis 233

MASAHIRO MAEDA, HIDETOSHI INOKO, ASAKO ANDO, NOBORU URYU, YOSHIHO NAGATA, and KIMIYOSHI TSUJI
HLA-DP Typing by Analysis of DNA Restriction Fragment Length Polymorphisms in the HLA-DPβ Subregion 239

GLENN T. HORN, TEODORICA L. BUGAWAN, CHRISTOPHER M. LONG, M. MICHELE MANOS, and HENRY A. ERLICH
Sequence Analysis of HLA Class II Genes from Insulin-Dependent Diabetic Individuals 249

REVIEW ARTICLE
MARIA PIA PISTILLO, OSVALDO MAZZOLENI, NOBUYUKI TANIGAKI, ULRICH HAMMERLING, ANNA LONGO, GUIDO FRUMENTO, and GIOVAN BATTISTA FERRARA
Human Anti-HLA Monoclonal Antibodies: Production, Characterization, and Application 265

DAVID D. ECKELS
HLA DPw1 Class II Molecules on Human T Cells 279

C. E. SEYFRIED, E. MICKELSON, J. A. HANSEN, and G. T. NEPOM
A Specific Nucleotide Sequence Defines a Functional T-Cell Recognition Epitope Shared by Diverse HLA-DR Specificities 289

Volume Contents

Human Immunology is cited in *Biological Abstracts, Chemical Abstracts, Current Contents (Life Sciences), Excerpta Medica, Index Medicus*